



Demonstration of Regional Water Supply Planning: A Case Study of the Rappahannock River Basin

Study objective: Conduct preliminary water supply planning and develop planning guidelines using the Rappahannock Basin as a demonstration project.

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Study components:

- Water resource assessment
- Reservoir safe yield assessment
- Demand projection
- River basin model development

Study products:

- Water supply plans
 - Basinwide assessment of resources and demands at a low level of detail
 - Case studies of greater depth in selected areas within the Basin
- Planning guidelines/tools for more detailed plan development within the Rappahannock Basin and other parts of the state
- Facilitation of the shared vision planning process